

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,357,171 B2
APPLICATION NO. : 10/802385
DATED : April 15, 2008
INVENTOR(S) : James V. Miller

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete title page and substitute therefore the attached title page consisting of the corrected illustrative figure.

Delete Drawing Sheets 1 of 5 and 2 of 5 and substitute therefore the attached Drawing Sheets 1 of 5 and 2 of 5.

Signed and Sealed this

Thirteenth Day of July, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Miller

(10) **Patent No.:** **US 7,357,171 B2**
(45) **Date of Patent:** **Apr. 15, 2008**

(54) **LOW-CLEARANCE SHUTTER SLAT**

(75) Inventor: **James V. Miller**, Glen Ellyn, IL (US)

(73) Assignee: **QMI Security Solutions**, Itasca, IL (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 31 days.

(21) Appl. No.: **10/802,385**

(22) Filed: **Mar. 17, 2004**

(65) **Prior Publication Data**

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(51) **Int. Cl.**
E06B 3/06 (2006.01)

(52) **U.S. Cl.** **160/235; 160/133**

(58) **Field of Classification Search** 160/235,
160/236, 133, 210, 183
See application file for complete search history.

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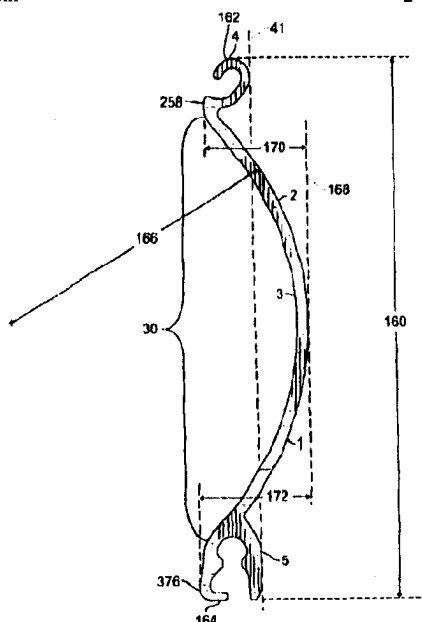
Primary Examiner—Blair M. Johnson

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(57) **ABSTRACT**

A rolling shutter and a slat for use in a rolling shutter are provided. The slat comprises an engaging track located at a first horizontal edge and a receptacle track located at a second horizontal edge. Illustratively, the engaging track has a hook-shaped profile and is disposed at an acute angle, and the receptacle track comprises a lip and a guard defining a space adapted to receive therein an engaging track of an adjacent slat.

2 Claims, 5 Drawing Sheets



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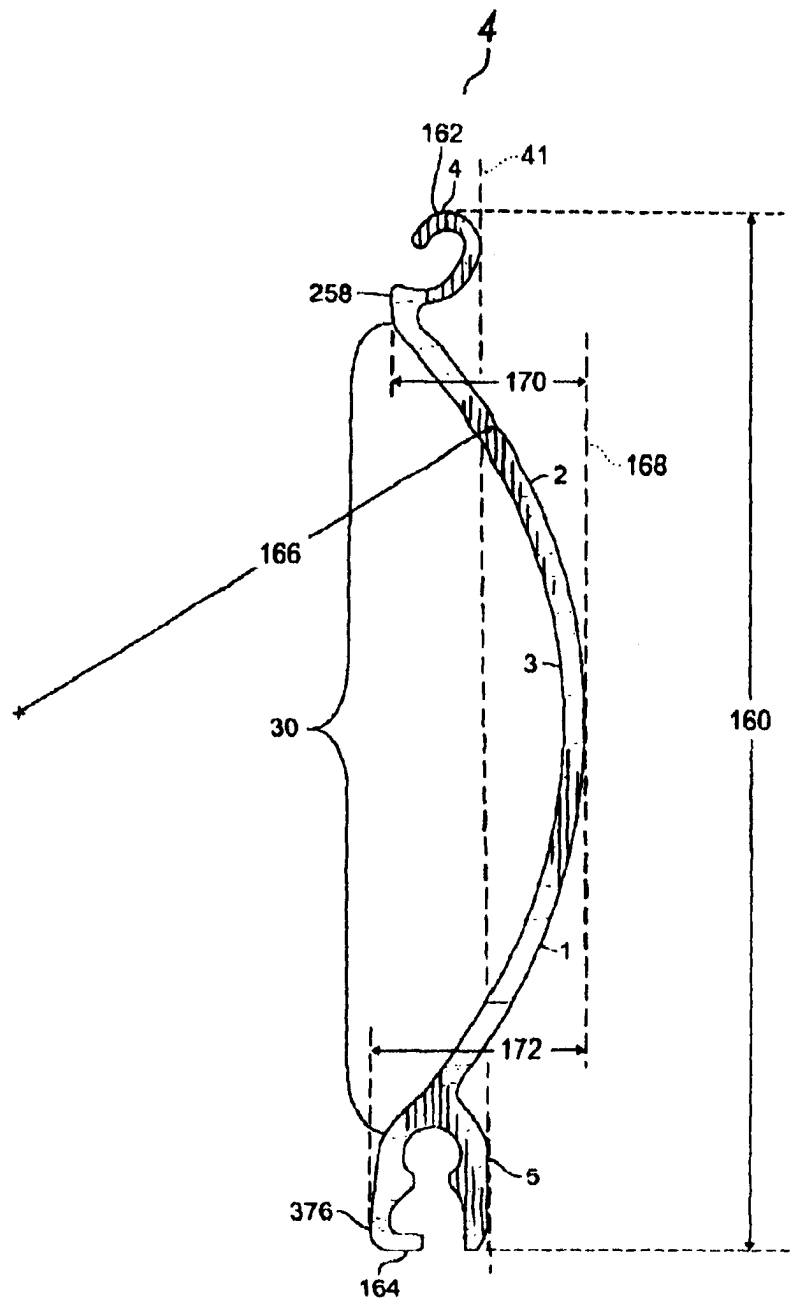


Fig. 1

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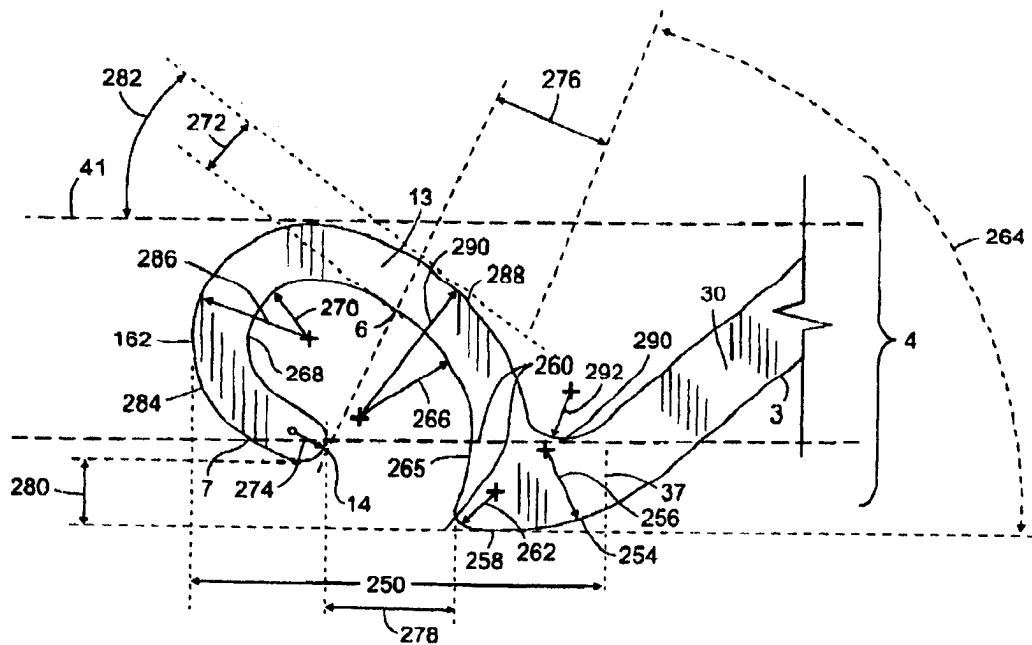


Fig. 2

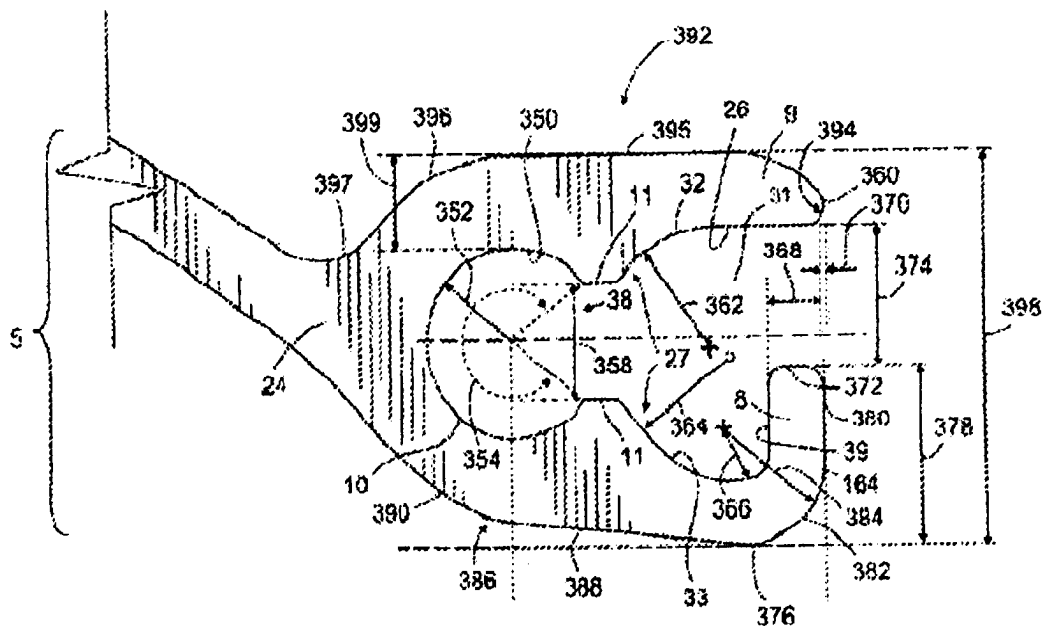


Fig. 3